

How to change: VW Passat 3C B6 Variant rear wheel bearing – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW PASSAT (3C2) 2.0 TDI, VW PASSAT Variant (3C5) 2.0 TDI

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – PASSAT 3C5. LIST OF THE TOOLS YOU'LL NEED:



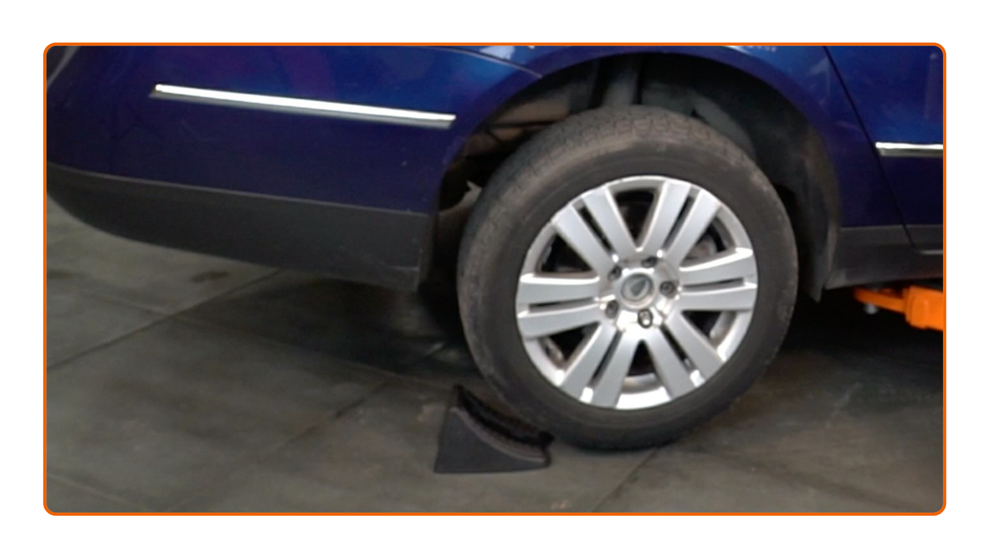
- Wire brush
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torx bit T30
- XZN socket bit # 16
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Impact screwdriver
- Hammer
- Tap wrench
- Rubber mallet
- Crow bar
- Wheel chock

Replacement: wheel bearing – VW Passat B6 3C Variant. AUTODOC recommends:

- Do not re-use the bearing assembly of your VW Passat 3C B6 Variant car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Warning! Shut down the engine before starting any work – Passat Variant B6.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

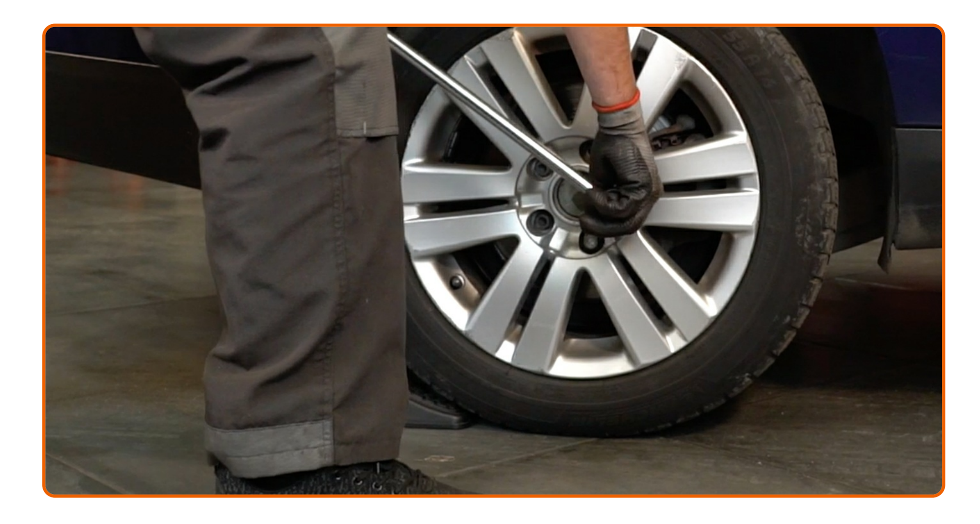
1



Secure the wheels with chocks.



2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

Replacement: wheel bearing – VW Passat 3C5. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5



Remove the wheel.

6



Put the parking brake system into service mode.

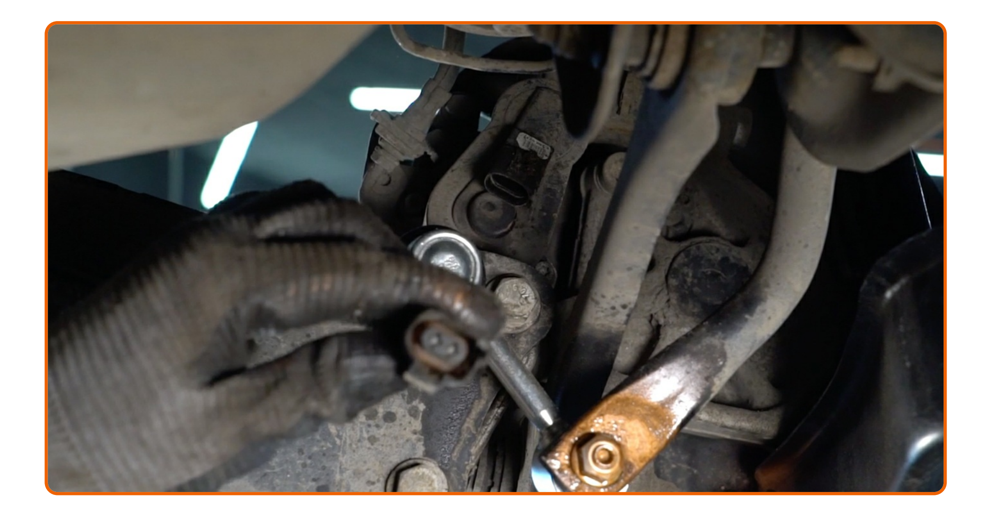
7



Clean the parking brake connector. Use a wire brush. Use all-purpose cleaning spray.



8



Unplug the parking brake connector.

9



Unscrew the brake caliper fastening. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

10

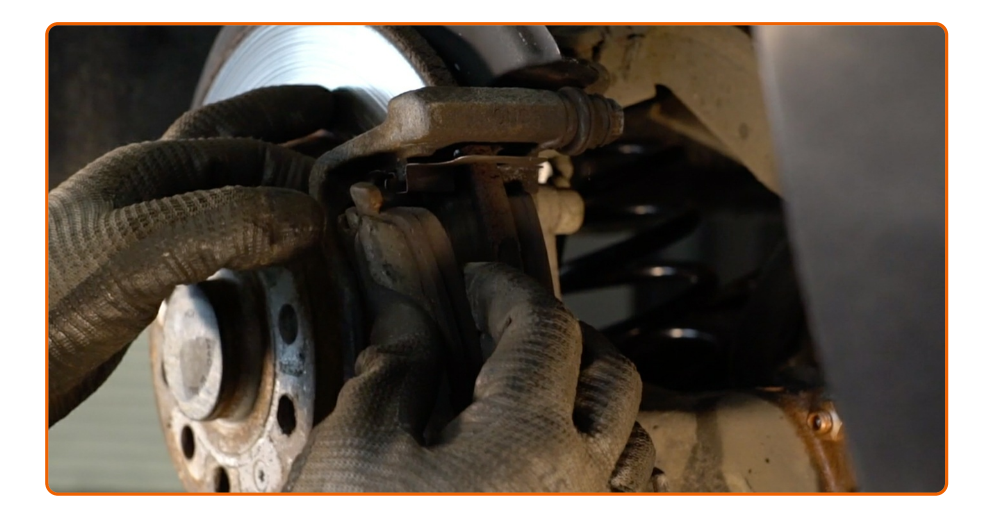


Remove the brake caliper.

Replacement: wheel bearing – Passat B6 3C Variant. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Remove the brake pads.

12



Remove the hub bearing protection cap. Use a crowbar. Use a hammer.

Please note!

- Some cars are not equipped with wheel hub caps.

13



Unscrew the hub bearing mounting. Use XZN #16. Use a tap wrench.

14



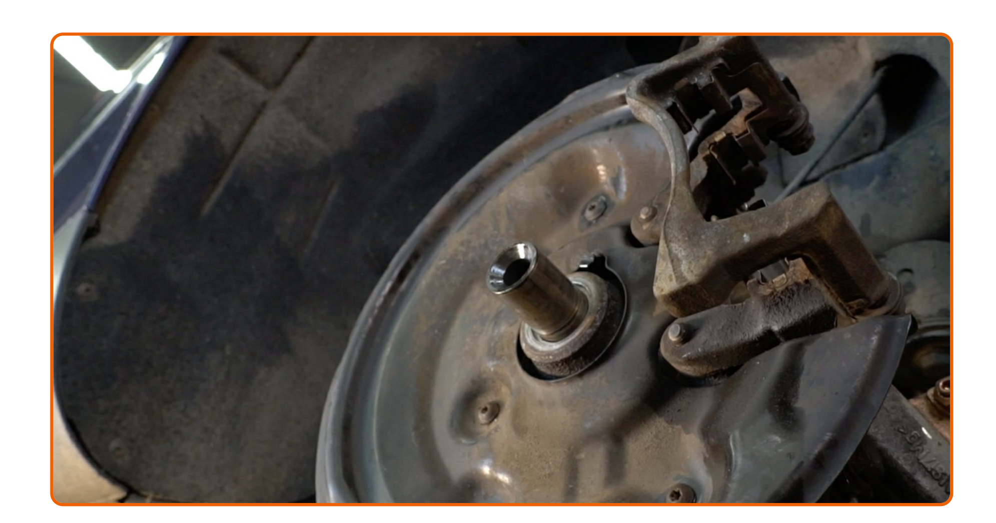
Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

15



Remove the brake disc.

16



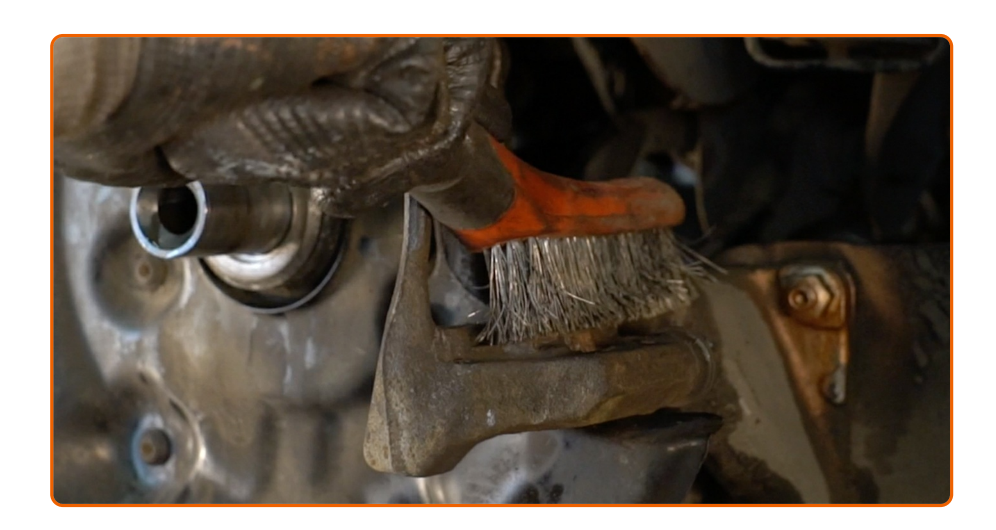
Remove the hub and the bearing together, since they are a sealed unit.

17



Clean the hub bearing mounting seat. Use all-purpose cleaning spray.

18

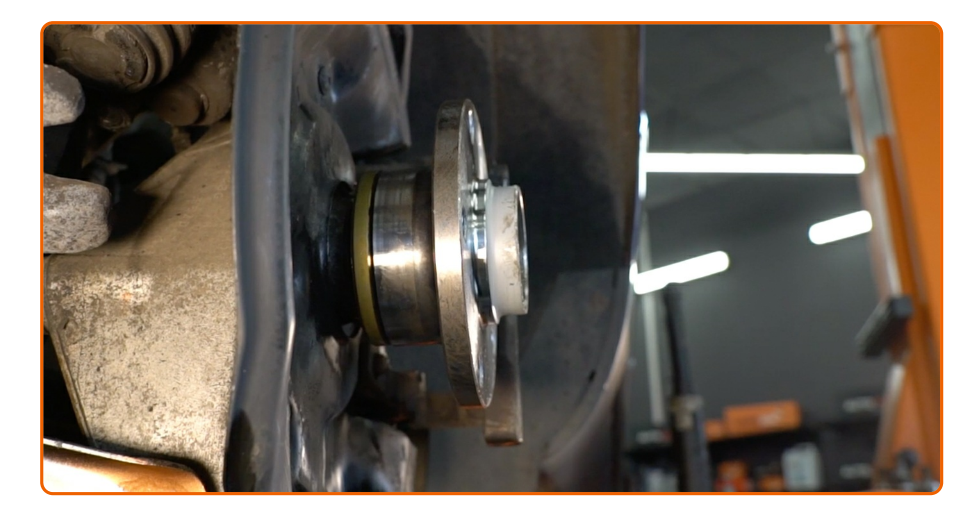


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

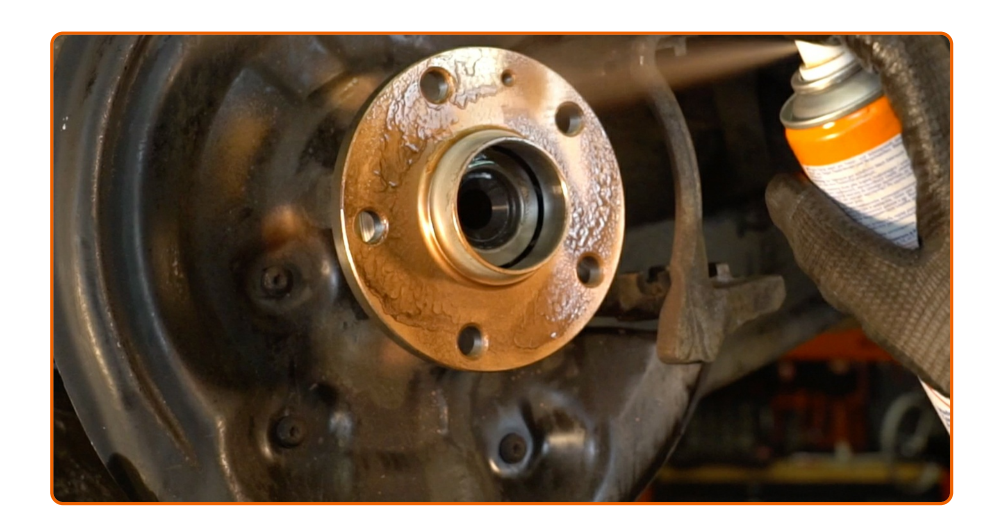
- Replacement: wheel bearing – VW Passat 3C5. After applying the spray, wait a few minutes.

19



Install the new wheel hub with a bearing.

20



Treat the hub where it contacts the brake disk. Use copper grease.

21



Install the brake disc.

22



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

23



Tighten the fastener of the wheel hub bearing. Use XZN #16. Use a torque wrench. Tighten it to 145 Nm torque.

24



Install the hub bearing protection cap. Use a rubber mallet.

25



Install the brake pads.

26

Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

27



Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

28



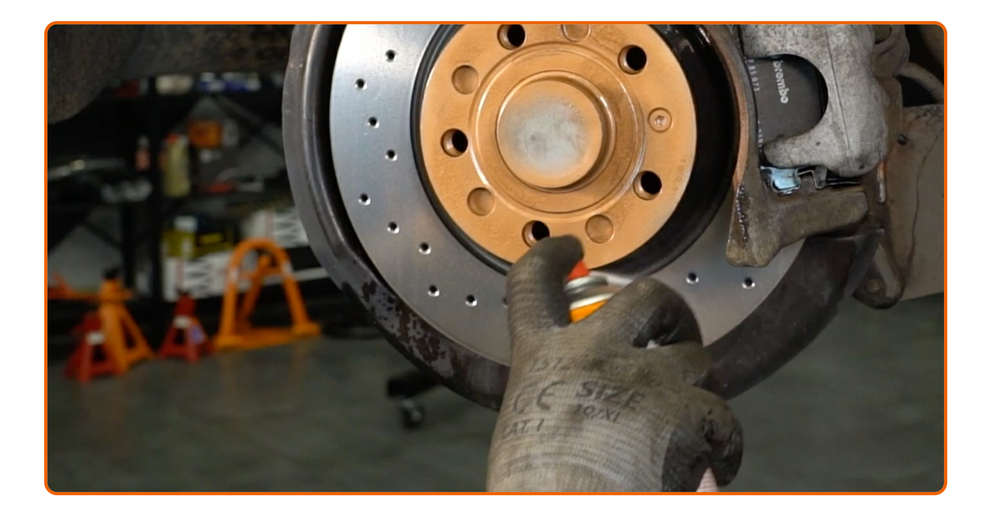
Plug in the parking brake connector.

29



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

30



Clean the brake disk surface. Use a brake cleaner.

Replacement: wheel bearing – VW Passat Variant B6. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

31



Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Passat 3C5

32



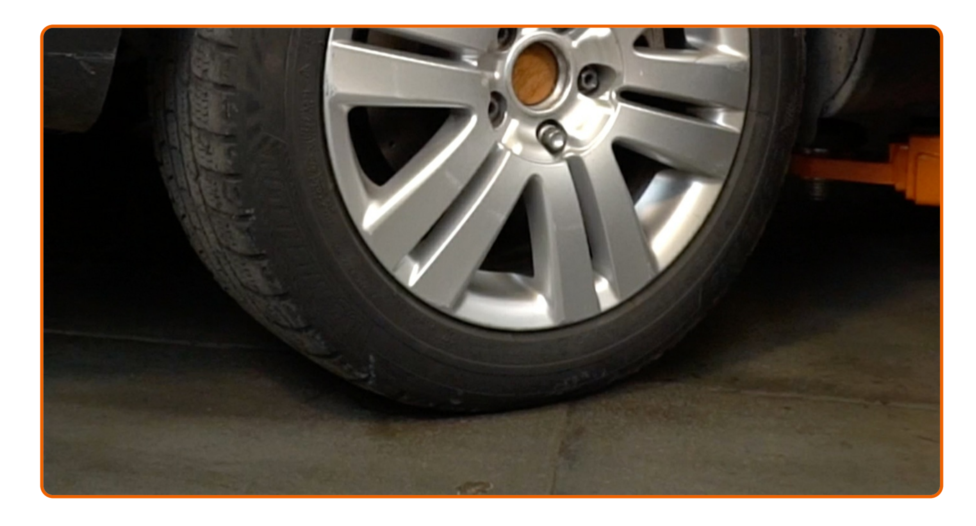
Screw in the wheel bolts. Use wheel impact socket #17.

33



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

34



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

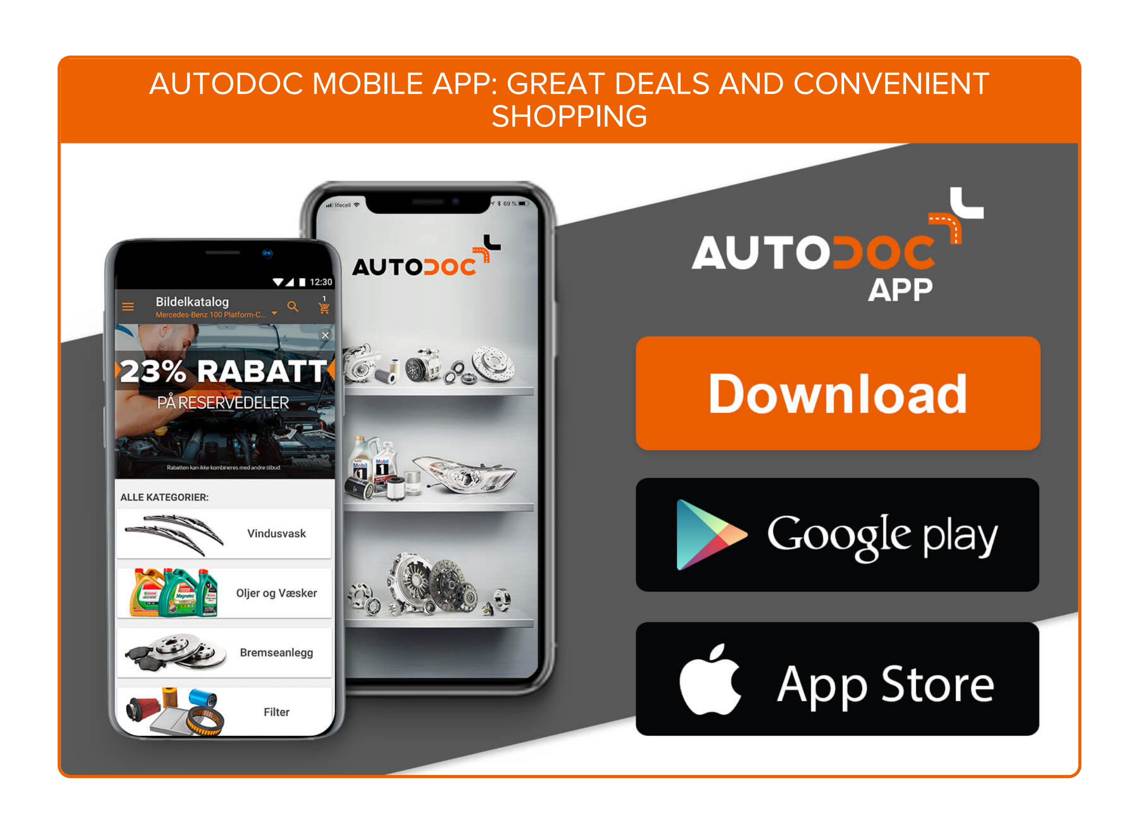
NO



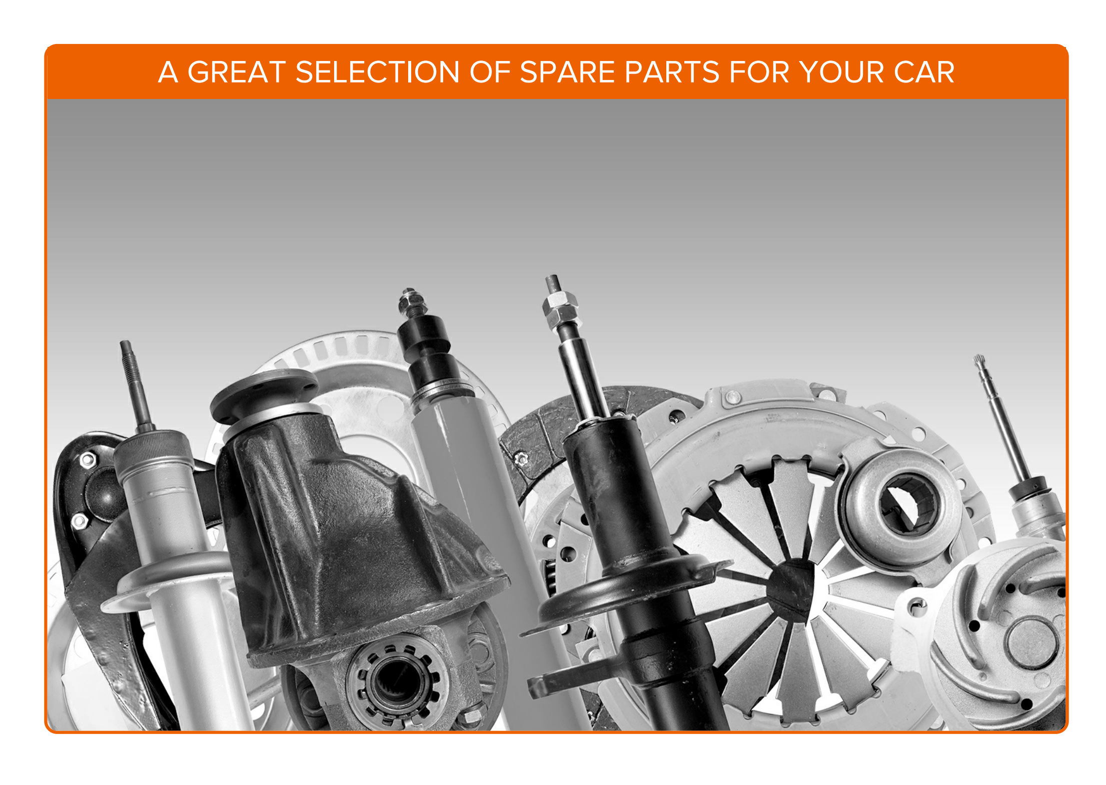
BECOME A MEMBER OF AUTODOC CLUB!

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR






BUY SPARE PARTS FOR VW


WHEEL BEARING: A WIDE SELECTION


CHOOSE CAR PARTS FOR VW PASSAT 3C B6 VARIANT


WHEEL BEARING FOR VW: BUY NOW



WHEEL BEARING FOR VW PASSAT 3C B6 VARIANT: THE BEST DEALS & OFFERS



Disclaimer:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AutoDoc shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AutoDoc shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AutoDoc shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AutoDoc strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.